

## **What is claimed is:**

**[Claim 1]** A lifting mechanism for removing and storing a hot tub cover, comprising:

at least one power pedestal having a rotational actuator, a threaded shaft rotated by the actuator, a carriage bar having a threaded aperture adapted for threadable cooperation with the threaded shaft, and a fixed roller adapted for rotation about a horizontal axis;

at least one lift arm attached to the hot tub cover and adapted for lifting the hot tub cover from the hot tub;

wherein a free end of the lift arm is pivotably attached to the carriage bar and rests upon the fixed roller, and the carriage bar is adapted to translate vertically with rotation of the threaded shaft by the actuator, so that the vertical translation of the carriage bar will urge the pivotal movement of the lift arm about the fixed roller to selectively raise and lower the hot tub cover.

**[Claim 2]** The lifting mechanism of claim 1, wherein the hot tub cover comprises a first cover portion connected by a hinge to a second cover portion, and further comprising a pivot arm pivotably connected to the at least one lift arm for selectively pivoting the second cover portion relative to the first cover portion.

**[Claim 3]** The lifting mechanism of claim 2, wherein the lifting mechanism further comprises an actuator, a drive shaft, and a gear assembly interconnecting the drive shaft and the pivot connection, and wherein the actuator rotates the drive shaft, the drive shaft turns the gear assembly, and the gear assembly rotates the pivot arm to pivot the second cover portion relative to the first cover portion.